Index of Claims

Application/Control No.

10/664,945 Examiner

SATO ET AL.

Applicant(s)/Patent under Reexamination

Twyler M. Lamb

Art Unit 2622

Rejected Allowed

(Through numeral) Cancelled

Restricted

Non-Elected N Interference

Appeal Α 0 Objected

| Cla         | Claim Date |          |          |            |          |          |          | Claim    |          |           |          |          | Date     |          |          |          | ]!!!!     | Claim                                  |          | Date     |            |          |            |          |          |          |          |    |          |                |          |               |
|-------------|------------|----------|----------|------------|----------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|----------|----------|-----------|--|----------|----------|------------|----------|------------|----------|----------|----------|----------|----|----------|----------------|----------|---------------|
|             |            | 15       |          |            |          |          |          |          | T        |           | Г        |          | <u> </u> |          |          |          | П         |  |          |          | 7!!!!      |          | <u> </u>   |          |          |          |          |    |          |                |          |               |
| Final       | Original   | 2/10/12  |          |            |          |          |          | - 1      |          |           | I o di   | 1        | Original |          |          |          |           |  |          |          |            | Final    | Original   |          |          |          |          |    |          |                | - 1      | 1             |
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|             | 4          | ٧        |          | $\dashv$   | $\dashv$ | $\dashv$ | +        |          | +        | -         | <u> </u> |          | 54<br>55 | $\dashv$ | $\dashv$ |          | ╁         | ╀                                      | $\vdash$ |          | -          |          | 104<br>105 | $\vdash$ |          | $\vdash$ |          | -  |          | $\dashv$       | $\dashv$ |               |
|             | 5<br>6     | ٧        | -        | $\dashv$   | +        | $\dashv$ | $\dashv$ | $\dashv$ | -+       |           | $\vdash$ | +        | 56       | -        | +        |          | ╁         | ╁                                      | $\vdash$ | -        | -          |          | 106        | Н        | _        | Н        | -        |    | -        | $\dashv$       | -        | $\dashv$      |
|             | 7          | <b>v</b> | $\dashv$ | $\dashv$   | -        | $\dashv$ | $\dashv$ | $\dashv$ | -        | -         |          |          | 57       | -+       | $\dashv$ | +        | ╁╌        | ╁                                      | H        | -        | -          |          | 107        | Н        |          | Н        | -        |    | $\vdash$ | $\dashv$       | $\dashv$ | $\dashv$      |
| _           | 8          | v        | $\dashv$ | $\dashv$   | $\dashv$ | ┿        | -        | $\dashv$ | ╅        | -         | -        |          | 58       | +        | +        | ╁        | ╁         | ╁                                      | $\vdash$ |          | -          | $\vdash$ | 108        | $\vdash$ | -        | Н        | -        |    | Н        | -              | -        | $\dashv$      |
|             | 9          | Ÿ        | $\dashv$ | ┪          |          | $\dashv$ | $\dashv$ | -+       | $\dashv$ | $\dashv$  | -        | $\dashv$ | 59       |          | $\dashv$ | $\dashv$ | +         | +-                                     | $\vdash$ | +        | -          |          | 109        | Н        |          |          |          | _  |          | $\dashv$       | $\dashv$ | $\dashv$      |
|             | 10         | v        |          | ┪          | $\dashv$ | _        | $\dashv$ | 寸        | _        | $\dashv$  | $\vdash$ | +        | 60       | $\dashv$ | 十        | $\dashv$ | +         | $\vdash$                               | -        | $\dashv$ | <b>∃</b> ‱ |          | 110        | Н        |          | Н        |          |    |          | $\neg$         | $\dashv$ | $\dashv$      |
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|             | 12         | ΙŤ       |          | 7          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -         | $\vdash$ | 十        | 62       | 寸        | 十        | $\top$   | +         | $\vdash$                               | $\vdash$ |          | 1          | $\vdash$ | 112        | $\vdash$ |          | П        |          |    | $\vdash$ | $\dashv$       | $\dashv$ | $\neg$        |
|             | 13         | Т        | $\vdash$ | $\dashv$   | -        | +        | 十        | 寸        | 十        | ۱         |          |          | 63       | $\dashv$ | 十        | ┪        | 1         | 1                                      | П        |          | 1          | l        | 113        | П        |          | П        |          |    | П        | $\sqcap$       | 寸        | $\neg$        |
|             | 14         | $\vdash$ | $\dashv$ | ヿ          | _        | $\dashv$ | 一        | 一        | +        | 1         |          |          | 64       | $\dashv$ | $\top$   | 十        | $\top$    | Τ                                      | $\Box$   |          | 1          |          | 114        | П        |          | П        |          |    | П        | 一              | $\neg$   | $\neg$        |
|             | 15         |          |          | $\neg$     | _†       | $\dashv$ | $\dashv$ | 寸        | $\dashv$ | 7         |          | _        | 65       | _        | 寸        |          | 1         | T                                      | П        | $\neg$   | 1          |          | 115        | П        |          |          |          |    |          | 一              | $\dashv$ | $\overline{}$ |
|             | 16         |          | $\vdash$ | $\neg$     | 寸        | $\neg$   | $\neg$   |          | $\dashv$ |           |          | П        | 66       |          | 寸        |          | T         | 1.                                     |          | $\neg$   | 7          |          | 116        | П        |          | П        |          |    |          | $\Box$ †       | コ        |               |
|             | 17         |          | П        | $\neg$     | $\neg$   | $\dashv$ |          |          |          |           |          | П        | 67       |          | $\Box$   |          | I         |  |          |          | ]          |          | 117        |          |          |          |          |    |          |                | $\Box$   |               |
|             | 18         | Г        | $\Box$   |            | $\neg$   | $\neg$   | $\neg$   | $\neg$   | $\neg$   |           |          | $\neg$   | 68       |          |          |          |           |  |          |          |            |          | 118        |          |          |          |          |    |          |                | $\Box$   |               |
|             | 19         |          |          |            |          |          | П        |          |          |           |          |          | 69       |          |          |          |           |  |          |          | ]::::      |          | 119        |          |          |          |          |    |          |                | $\Box$   |               |
|             | 20         |          |          |            |          |          | $\Box$   |          |          |           |          |          | 70       |          |          |          |           |  |          |          | ]          |          | 120        |          |          |          |          |    |          |                | $\Box$   |               |
|             | 21         |          |          |            |          |          |          |          |          |           |          |          | 71       |          |          |          |           |  |          |          | _          |          | 121        |          |          |          |          |    |          |                | $\Box$   |               |
|             | 22         |          |          |            |          |          |          |          |          | _         | L        | $\perp$  | 72       |          |          |          |           |  | Ш        |          | _          |          | 122        | Ш        |          | Ш        |          |    |          | Ц              | _        | _             |
|             | 23         | 丄        | _        |            | _        |          | $\dashv$ | $\dashv$ | $\perp$  | _         | L        |          | 73       |          |          | _        | 4         | ↓_                                     | Ш        |          | _          |          | 123        | Ш        |          | Ш        | Ш        |    | Ш        | Ц              | _        |               |
|             | 24         | L        | $\dashv$ | _          | 4        | _        | _        | _        | $\perp$  | 4:::      | _        | 4        | 74       | _        | 4        |          | 4_        | <u> </u>                               | Ш        | $\perp$  | 4          | <u> </u> | 124        | _        |          | Ш        |          |    | Ш        | $\blacksquare$ | _        | _             |
|             | 25         | <u> </u> | _        | _          | _        | 4        | _        | _        |          | -         | <u>_</u> | 4        | 75       | _        | _        | _        | 4         | ↓_                                     | $\sqcup$ | +        | 4          | <u> </u> | 125        |          | <u> </u> | Н        | Ш        |    | Щ        | $\dashv$       | $\dashv$ | _             |
|             | 26         | <u> </u> | $\dashv$ | -          | $\dashv$ | -        |          |          | -        | -         | $\vdash$ |          | 76       | _        | _        | _        | +         | 1                                      | $\vdash$ | -        | -          |          | 126        |          | _        | -        | Ш        | _  | Н        |                | 4        | _             |
|             | 27         | _        |          |            | $\dashv$ | $\dashv$ | -        | $\dashv$ | -        | -         | -        |          | 77       |          |          | -        | ╬         | ┼                                      | $\vdash$ |          | - ::::     |          | 127        | -        | $\vdash$ | Н        | Н        | _  | Н        | $\vdash$       | $\dashv$ | $\dashv$      |
|             | 28         | -        | $\dashv$ | $\dashv$   | $\dashv$ | $\dashv$ |          | -        | +        | -         | $\vdash$ | +        | 78<br>79 | -        | -        | +        | +-        | ₩                                      | ┨        |          | -          | ├        | 128<br>129 | Н        | H        | Н        | Н        | _  | $\vdash$ | $\dashv$       | $\dashv$ | $\dashv$      |
| -           | 29<br>30   | -        | $\dashv$ | $\dashv$   | $\dashv$ | -        | $\dashv$ | $\dashv$ | +        | -         | -        |          | 80       | $\dashv$ | +        | +        | ╁         | ╁                                      | $\vdash$ | -        | -          |          | 130        | Н        | H        | Н        | $\vdash$ |    | Н        | $\dashv$       | $\dashv$ | $\dashv$      |
|             | 31         |          | $\dashv$ | -          | -        | 0        |          |          |          | -         | -        |          | 81.      | $\dashv$ | $\dashv$ | -        | +-        | ╁╴                                     | $\vdash$ |          | -          |          | 131        | $\vdash$ | -        | Н        |          |    |          | $\vdash$       | $\dashv$ | -             |
| _           | 32         | -        |          | -          | +        | 1        | -        |          | 1        | -         | -        |          | 82       |          | +        | +        | 1         | i-                                     | 1        | _        | 1          |          | 132        |          | -        |          | -        | _  |          | -              | -        |               |
| -           | 33         | $\vdash$ | $\vdash$ | $\dashv$   | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +        | $\dashv$  | $\vdash$ |          | 83       | $\dashv$ | $\dashv$ | +        | +         | $\vdash$                               | Н        | +        | 1          |          | 133        | Н        | $\vdash$ | Н        | $\vdash$ |    | H        | $\dashv$       | $\dashv$ | $\vdash$      |
| <del></del> | 34         | $\vdash$ | $\vdash$ | $\dashv$   | $\dashv$ | +        | $\dashv$ |          | $\dashv$ | -         | $\vdash$ |          | 84       | $\dashv$ | $\dashv$ | +        | +         | t                                      | $\vdash$ | $\dashv$ | 1          |          | 134        | H        | $\vdash$ | $\vdash$ |          |    | Н        | $\dashv$       | $\dashv$ | $\dashv$      |
|             | 35         | T        | $\vdash$ | -          | $\dashv$ | $\dashv$ | $\dashv$ | 1        | $\dashv$ |           |          |          | 85       | $\dashv$ | $\dashv$ | +        | $\dagger$ | t                                      | H        | $\top$   | 1          |          | 135        | H        | Н        | H        |          | Т  | $\vdash$ | $\sqcap$       | $\dashv$ | $\dashv$      |
|             | 36         | 1        | Н        |            | 一        | 寸        | _        | 1        | $\dashv$ | 1         | $\vdash$ |          | 86       | $\dashv$ | T        | $\top$   | $\top$    | T                                      | $\sqcap$ | $\neg$   | 1          |          | 136        | П        | Г        | П        |          | Т  |          | $\Box$         | $\dashv$ | $\dashv$      |
| <u> </u>    | 37         |          | $\dashv$ | 寸          | 寸        | 一        | 寸        | 一        | $\dashv$ | ٦.        |          | $\top$   | 87       | $\dashv$ | $\dashv$ | $\top$   | $\top$    | 1                                      | П        | $\neg$   | 1          |          | 137        | П        |          | П        |          |    | П        | $\Box$         | $\neg$   | $\neg$        |
|             | 38         |          |          |            | $\dashv$ |          |          |          | $\top$   | $\exists$ |          |          | 88       |          | $\top$   | $\top$   | $\top$    | 1                                      | П        | $\neg$   | 1          |          | 138        | П        |          |          |          |    |          | T              | $\neg$   |               |
|             | 39         |          | П        |            | 寸        | 寸        | ヿ        | T        |          |           |          |          | 89       |          | $\dashv$ | $\top$   | T         | Ī                                      | П        |          |            |          | 139        |          |          |          |          |    |          |                | $\neg$   |               |
|             | 40         |          | П        | T          | 一        | T        | $\neg$   | T        |          |           |          |          | 90       |          |          |          |           |  |          |          |            |          | 140        |          |          |          |          |    |          |                |          |               |
|             | 41         |          |          |            |          | 」        | 」        |          |          |           |          |          | 91       |          |          | I        | I         |  |          |          |            |          | 141        |          |          |          |          |    |          |                |          |               |
|             | 42         |          |          |            |          |          |          |          |          |           |          |          | 92       |          |          |          | Ι         |  |          |          |            |          | 142        |          |          |          |          |    |          |                | $\Box$   |               |
|             | 43         |          |          |            |          |          |          |          |          |           |          |          | 93       |          |          |          |           |  |          |          |            |          | 143        |          | 匚        |          |          |    |          |                |          |               |
|             | 44         | $\Box$   | Ш        |            | $\Box$   | $\Box$   |          |          | $\Box$   | _         |          | $\Box$   | 94       | П        | $\perp$  |          | $\perp$   |  | П        |          | _          |          | 144        |          | L        | $\Box$   |          |    |          | $\Box$         |          |               |
|             | 45         |          |          |            |          |          |          |          | $\Box$   | _         |          |          | 95       |          | $\bot$   |          |           |  | Ш        |          | 4          |          | 145        |          |          |          |          |    |          |                |          |               |
| - 222       | 46         |          | 3.27     | 11 6 13    |          | _        |          |          |          | _         | L        |          | 96       |          | 1        |          |           |  |          |          |            |          | 146        |          |          |          |          |    |          |                |          |               |
|             | 47         |          | Щ        | _          | _        | _        |          | _        | _        | _ ∷       | <u>L</u> |          | 97       |          | _        | _        | $\perp$   | ــــــــــــــــــــــــــــــــــــــ | Ш        |          | 4          |          | 147        | _        | L_       | _        | _        |    |          | Щ              | _        |               |
|             | 48         | <u> </u> | $\sqcup$ | _          | _        | _        | _        | _        | 4        | _         | <u> </u> |          | 98       | Щ        | _        | _        | $\perp$   | $\vdash$                               | Ш        | $\perp$  | 4          | <u> </u> | 148        | $\vdash$ | Ь        | _        | L_       | L_ | <u> </u> | Щ              | _        |               |
|             | 49         | <u> </u> | Щ        |            | 4        | _        | _        | _        | $\dashv$ | 4         | L        |          | 99       | $\Box$   | $\dashv$ | $\bot$   | 4         | _                                      | Ш        |          | 4          | <u> </u> | 149        | <u> </u> | <u> </u> | $\vdash$ | $\vdash$ | L  | igspace  | Щ              | _        | Ш             |
|             | 50         |          |          | $_{\perp}$ |          | $\perp$  |          |          |          | _]:::     | ∷∟       |          | 100      | Ш        |          |          |           | <u> </u>                               | Ш        | L        | _]:::::    | L        | 150        | نيا      | <u> </u> | L        | L        | L  | L        | Ш              |          |               |